

REMARKS/ARGUMENTS

Claims 9-11 and 14-30 are pending in the present application. Claims 1-8, 12 and 13 are canceled. Claims 9, 14-18 and 30 are allowed; and claims 10, 11 and 19-29, previously withdrawn from examination, have been rejoined in the present application.

Claims 10, 11, 14-16, 19-21, 23, 25-27 and 29 are amended to define the claimed method as directed to use of a recombinant enzyme having the specified amino acid sequence, and/or to define the hybridization conditions used. Claims 14 and 15, which were indicated as allowable in the Office Action have been amended merely to define the % identity in terms of the amino acid sequence of the polypeptides, rather than the DNA encoding them, which is consistent with the language of the claim from which they depend. Support for these amendments is found throughout the specification and has been previously pointed out for similar amendments to the allowed claims (See response to Office Action filed August 4, 2005). No new matter is added by these amendments to the claims.

Withdrawal of the restriction requirement is acknowledged.

Applicant respectfully requests that the amendments to the claims be entered, since the amendments do not add new matter, do not require further searching and place the application in condition for allowance. It is respectfully submitted that the amendments to the claims make these claims consistent with the allowed claims.

I. Rejection of Claims 21 and 27 Under 35 USC § 112

Claims 21 and 27 have been amended to include the hybridization conditions used. Thus, the rejection of these claims is traversed.

II. Rejection of Claims 10, 11, and 19-29 Under 35 USC § 112 (Enablement)

It is respectfully submitted that the amendments to the claims renders this rejection moot.

III. Rejection of Claims 10, 11, 19, 20, 22-26, 28 and 29 Under 35 USC § 112 (Written Description)

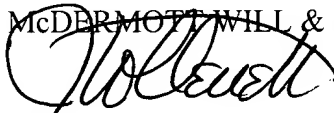
It is respectfully submitted that the amendments to the claims render this ground of rejection moot.

Accordingly, the present application, amended as above, is in condition for allowance, an early notification thereof being earnestly solicited.

To the extent necessary, a petition for an extension of time under 37 C.F.R. § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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